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**From:** Smallbeck, Donald R. [donald.smallbeck@amecfw.com]  
**Sent:** 11/5/2015 4:06:54 PM  
**To:** Davis, Eva [Davis.Eva@epa.gov]; JERRARD, CATHERINE V GS-13 USAF HAF AFCEC/CIBW [catherine.jerrard@us.af.mil]; (Geoffrey.Watkin@cn-bus.com) [Geoffrey.Watkin@cn-bus.com]; Pearson, Stuart C. [stuart.pearson@amecfw.com]; d'Almeida, Carolyn K. [dAlmeida.Carolyn@epa.gov]; Wayne Miller [Miller.Wayne@azdeq.gov]; steve@uxopro.com  
**CC:** Devon Phelan [dphelan@terratherm.com]; Steffen Griepke [sgriepke@terratherm.com]; Gorm Heron [gheron@terratherm.com]; bo@praxis-enviro.com  
**Subject:** RE: October 2015 BCT conference call-ST012 update

Eva

The document is under AF review and an issue date has not been determined. If it has not been issued by our November 19th BCT call an issue date will be provided during the call.

**D.R. Smallbeck**  
Principal Program Manager  
Construction Remediation

Amec Foster Wheeler  
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**From:** Davis, Eva [mailto:Davis.Eva@epa.gov]  
**Sent:** Tuesday, November 03, 2015 7:35 AM  
**To:** Smallbeck, Donald R.; JERRARD, CATHERINE V GS-13 USAF HAF AFCEC/CIBW; (Geoffrey.Watkin@cn-bus.com); Pearson, Stuart C.; d'Almeida, Carolyn K.; Wayne Miller; steve@uxopro.com  
**Cc:** Devon Phelan; Steffen Griepke; Gorm Heron; bo@praxis-enviro.com  
**Subject:** RE: October 2015 BCT conference call-ST012 update

Thanks Don – one other question. When do you anticipate getting the WP for the enhanced bio to the agencies? Eva

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**From:** Smallbeck, Donald R. [mailto:donald.smallbeck@amecfw.com]  
**Sent:** Monday, November 02, 2015 11:09 AM  
**To:** Davis, Eva; JERRARD, CATHERINE V GS-13 USAF HAF AFCEC/CIBW; (Geoffrey.Watkin@cn-bus.com); Pearson, Stuart C.; d'Almeida, Carolyn K.; Wayne Miller; [steve@uxopro.com](mailto:steve@uxopro.com)  
**Cc:** Devon Phelan; Steffen Griepke; Gorm Heron; [bo@praxis-enviro.com](mailto:bo@praxis-enviro.com)  
**Subject:** RE: October 2015 BCT conference call-ST012 update

Eva

The “jar testing” data will be presented in the upcoming report this week. ADEQ was onsite to observe the first round of testing.

The calculations requested are under review and should be available this week.

As you have observed the continued depressurization of the UWBZ and CZ has produced an increase in LNAPL recovery from the prior week. We evaluated the data weekly to determine when the next groundwater sampling round will take place. As of today, we have not scheduled groundwater sampling for this week. The operations team will inform the BCT when the day(s) for sampling have been finalized.

thanks

**D.R. Smallbeck**  
**Principal Program Manager**  
**Construction Remediation**

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**From:** Davis, Eva [<mailto:Davis.Eva@epa.gov>]  
**Sent:** Monday, November 02, 2015 7:26 AM  
**To:** Smallbeck, Donald R.; JERRARD, CATHERINE V GS-13 USAF HAF AFCEC/CIBW; ([Geoffrey.Watkin@cn-bus.com](mailto:Geoffrey.Watkin@cn-bus.com)); Pearson, Stuart C.; d'Almeida, Carolyn K.; Wayne Miller; [steve@uxopro.com](mailto:steve@uxopro.com)  
**Cc:** Devon Phelan; Steffen Griepke; Gorm Heron; [bo@praxis-enviro.com](mailto:bo@praxis-enviro.com)  
**Subject:** RE: October 2015 BCT conference call-ST012 update

Don --

I understand that these bucket tests have been performed at St-12. Imagine my disappointment that they were not reported in the weekly progress report. When will this data be shared with the agencies?

Also, during the last conference call, I requested the data that goes into the calculations of groundwater concentrations, which I would assume is in a spread sheet in order to carry out the calculations. When do you anticipate being able to share that data? When will groundwater samples be taken again?

I note from the latest progress report that ~ 460 gallons/day of LNAPL was collected last week, about twice as much as was collected the prior week. Total mass removed for the week was 55,411 lbs – again about twice what was reported the previous week. Keep up the good work.

Thanks Eva

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**From:** Smallbeck, Donald R. [<mailto:donald.smallbeck@amecfw.com>]  
**Sent:** Monday, October 19, 2015 4:05 PM  
**To:** Davis, Eva; JERRARD, CATHERINE V GS-13 USAF HAF AFCEC/CIBW; ([Geoffrey.Watkin@cn-bus.com](mailto:Geoffrey.Watkin@cn-bus.com)); Pearson, Stuart C.; d'Almeida, Carolyn K.; Wayne Miller; [steve@uxopro.com](mailto:steve@uxopro.com)  
**Cc:** Devon Phelan; Steffen Griepke; Gorm Heron; [bo@praxis-enviro.com](mailto:bo@praxis-enviro.com)  
**Subject:** RE: October 2015 BCT conference call-ST012 update

Eva

Not a stupid question at all. The operations team discussed this last week and will be performing a similar test at ST012.

**D.R. Smallbeck**  
**Principal Program Manager**

## Construction Remediation

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**From:** Davis, Eva [<mailto:Davis.Eva@epa.gov>]  
**Sent:** Monday, October 19, 2015 2:02 PM  
**To:** Smallbeck, Donald R.; JERRARD, CATHERINE V GS-13 USAF HAF AFCEC/CIBW; ([Geoffrey.Watkin@cn-bus.com](mailto:Geoffrey.Watkin@cn-bus.com)); Pearson, Stuart C.; d'Almeida, Carolyn K.; Wayne Miller; [steve@uxopro.com](mailto:steve@uxopro.com)  
**Cc:** Devon Phelan; Steffen Griepke; Gorm Heron; [bo@praxis-enviro.com](mailto:bo@praxis-enviro.com)  
**Subject:** RE: October 2015 BCT conference call-ST012 update

I have a stupid question to ask of the TerraTherm team – I just got another round of 'bucket test' data for the Beede site, where they collected effluent from the MPE wells in a bucket to observe whether or not the effluent contains NAPL, and to get a qualitative evaluation of how much NAPL was extracted from that well. Can a screening test like this be done at ST-12 to aid in determining where we are getting the NAPL from now?

Thanks Eva

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**From:** Smallbeck, Donald R. [<mailto:donald.smallbeck@amecfw.com>]  
**Sent:** Wednesday, October 14, 2015 6:26 PM  
**To:** JERRARD, CATHERINE V GS-13 USAF HAF AFCEC/CIBW; ([Geoffrey.Watkin@cn-bus.com](mailto:Geoffrey.Watkin@cn-bus.com)); Pearson, Stuart C.; Davis, Eva; d'Almeida, Carolyn K.; Wayne Miller; [steve@uxopro.com](mailto:steve@uxopro.com)  
**Cc:** Devon Phelan; Steffen Griepke; Gorm Heron; [bo@praxis-enviro.com](mailto:bo@praxis-enviro.com)  
**Subject:** October 2015 BCT conference call-ST012 update

BCT members

The BCT regulatory call is scheduled for Thursday October 15th, 2015 at 1:00 PM PST. The meeting will be conducted via teleconference number 866-384-2989 with participation code 2824493992#.

Attached is the following:

. ST012 update

The deliverable tracking, and action item list will be distributed in follow on emails

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Construction Remediation

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